CPUC Commissioner Committee on Emerging Trends

CPUC Office of the Safety Advocate (OSA)
Application of Safety Reporting Systems for California Energy Utilities

Update: February 7, 2018

Application of Safety Reporting Systems (SRS) for California Utilities

1. NASA presentation on Safety Reporting Systems in Aviation and Rail

2. Update on OSA SRS activities

3. Next Steps

NASA ASRS Program Overview

February 7, 2018

Linda Connell
Program Director, NASA ASRS
Human Systems Integration Division

**AVIATION SAFETY
REPORTING SYSTEM**

ASRS

NASA

Application of Safety Reporting Systems (SRS)
for California Utilities

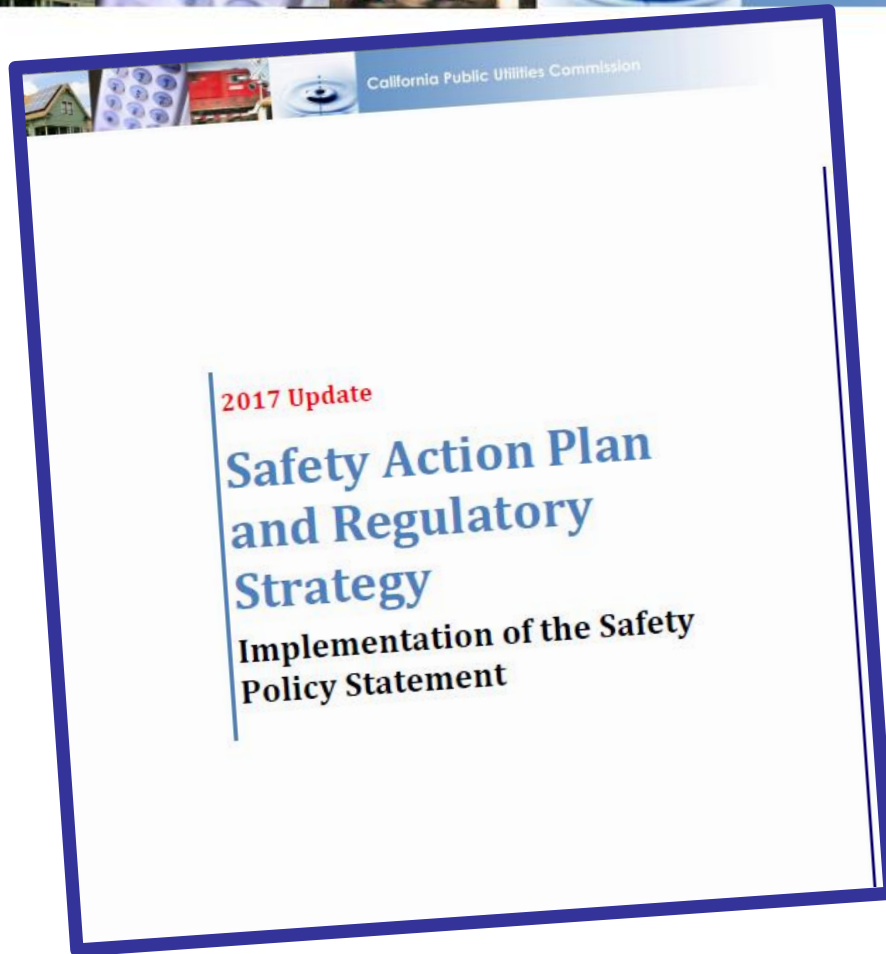1. NASA presentation on Safety Reporting Systems in Aviation and Rail

2. **Update on OSA SRS activities**

3. Next Steps

CPUC Safety Action Plan* Action Item 4:

Explore application of a Safety Reporting System for California Utilities

2017 Update

Safety Action Plan and Regulatory Strategy

Implementation of the Safety Policy Statement

California Public Utilities Commission

* Link: CPUC 2017 Safety Action Plan

Examples of Safety Reporting Systems used by regulators in other industries

o **Aviation: Federal Aviation Administration (FAA)**

o **Rail: Federal Rail Administration (FRA)**

o **Firefighting: International Association of Fire Chiefs (IAFC) Non-regulatory)**

o **Offshore Oil and Gas: Bureau of Safety and Environmental Enforcement (BSEE)**

Rail Industry (FRA): Confidential Close Call Reporting System - C^{3}RS

February 7, 2018

AVIATION SAFETY REPORTING SYSTEM

Firefighters: Near Miss Reporting System

BSEE Offshore Oil & Gas

OBSERVE • REPORT • PREVENT

The more we know, the safer we'll be.

HOME ABOUT REPORT EQUIMENT FAILURE REPORT A NEAR-MISS SUBMIT DATA FILES FAQs RESOURCES

7

Safety Reporting System Principles

o **Voluntary**

o **Confidential**

o **Non-Punitive**

o **Independent**

Update on OSA SRS activities

1. **December 2017 presentation to Commissioner Emerging Trends Committee ***

2. **January 2018 meeting with NASA Ames in Sunnyvale**

3. **February 2018 discussions with Bureau of Safety and Environmental of Enforcement (BSEE) (Offshore Oil and Gas)**

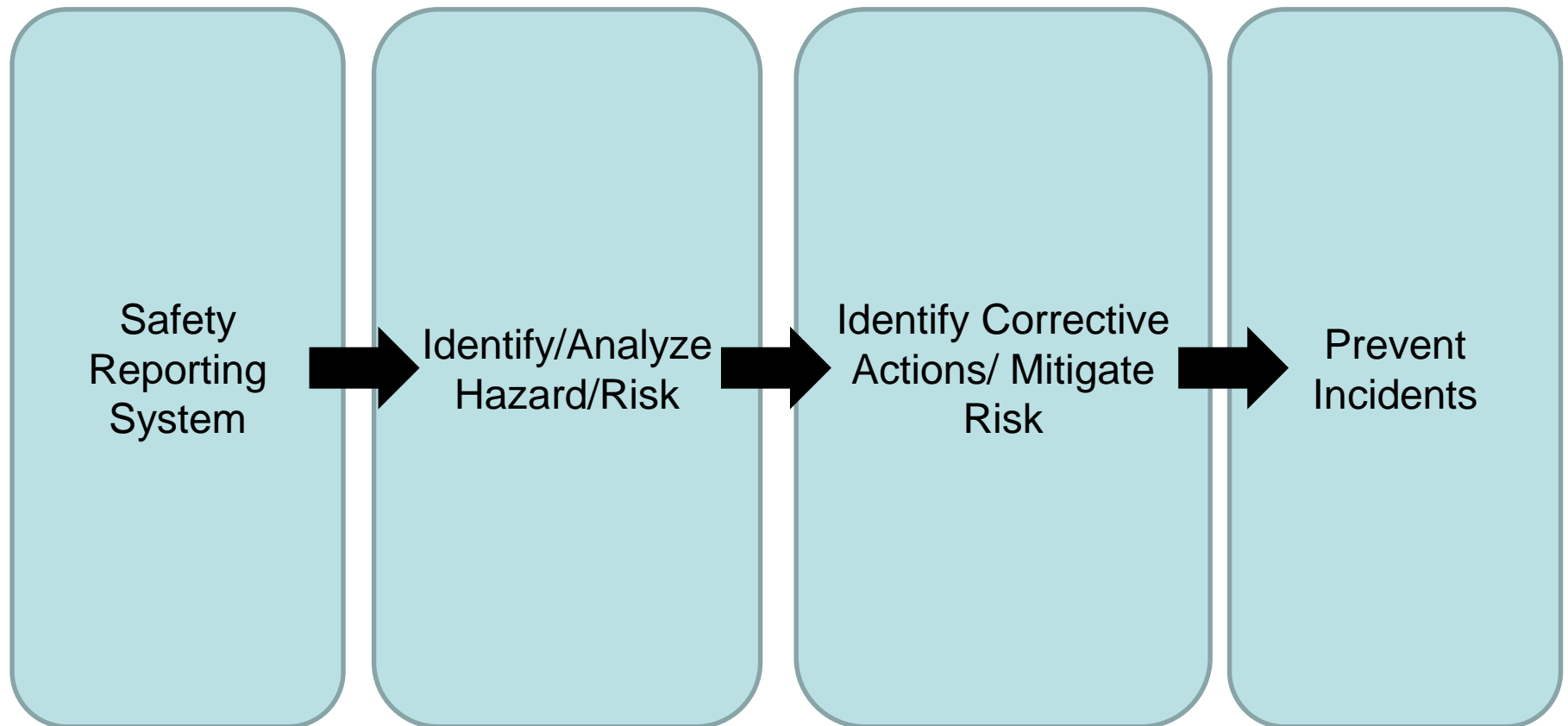* [Link: OSA December 13 2017 Presentation on Safety Reporting Systems](#)

Application of Safety Reporting Systems (SRS)
for California Utilities

1. NASA presentation on Safety Reporting Systems in Aviation and Rail

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3. **Next Steps**

Application of Safety Reporting System

Safety Reporting System → Identify/Analyze Hazard/Risk → Identify Corrective Actions/ Mitigate Risk → Prevent Incidents

Application of Safety Reporting Systems (SRS)
for California Utilities

o **Next Steps**

  o **Continue discussions with NASA Ames on feasibility of an Interagency Agreement**

  o **Seek and incorporate input from Commissioners, CPUC Divisions, Utilities and Utility Labor**

  o **Seek staffing support**

  o **Develop Staff Proposal with Options**

Questions/Comments